

DOGM
MINERALS PROGRAM
FILE COPY

STATE OF UTAH
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION
1950 West North Temple
Salt Lake City, UT 84116
(801) 536-4100



FAX NUMBER (801) 359-8853

FAX COVER SHEET

DATE: Nov. 25, 1992TO: Wayne HedburgAGENCY/FIRM: Utah DOGMFAX NUMBER: 359-3940FROM: Jason KnowltonPAGES TO FOLLOW: 3COMMENTS: Some correspondence on Leedsthat may interest you

Oct. 29 1992

TO: Ursula Trueman
State Of Utah
Dept of Environmental Quality
Division Of Environmental Response
134 North, 1950 West
P.O. Box 144840
Salt Lake City, Utah
84114-4840

From: Hidden Valley Water Users Association (HVWUA)

Subject: Five M Mining Company clean up.

1. We are a small water company located west of Leeds and below Silver Reef, Washington County Utah.
2. I am writing you to ask about the clean up of the Five M Mining Company recovery site. Our water Company has an interest in this clean up because of the location of our well and our Irrigation ditch which runs very close to the S M recovery site.
3. Our well has a high level of gross alpha radiation in a test just completed. Our irrigation ditch is located close to and probably is within the old Five M recovery site boundary. We are concerned with what action has been taken to assure us that the old Five M site has not contaminated our well and that any clean up procedures accomplished will leave our irrigation ditch intact. The Irrigation rights date back to the 1850's or 1860's.
4. I also understand that there is to be an evaluation of the site by the federal EPA and I would like to be informed as to that date and time so I might observe and give an input concerning our interest.
5. My address is
David Moore
2114 North, 450 West
Sunset, Utah 84015

David Moore



Norman H. Bangertter

Governor

Kenneth L. Alkema

Executive Director

Gayle J. Smith, P.E.

Director

State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF DRINKING WATER

288 North 1460 West

P.O. Box 144830

Salt Lake City, Utah 84114-4830

(801) 538-6159

(801) 538-6016 Fax

UTAH DEPARTMENT OF
ENVIRONMENTAL QUALITY

NOV 25 1992 RA

DIV. OF ENVIRONMENTAL
RESPONSE AND REMEDIATION

November 23, 1992

Dave Moore, President
Hidden Valley Water Users Association
P.O. Box 460634
Leeds, Utah 84746

Dear Mr. Moore

Re: Radiological Contamination

Radiologic samples for Gross alpha taken from the Hidden Valley Water Users Association's water system exceeds the Maximum Contamination Level of 15 Pci/l. The original sample you collected September 7, 1992 indicated that the Gross alpha reading was at 44.84 Pci/l. However, radium 226 of 3.885 did not exceed the 5 Pci/l MCL standard. Another sample consisting of two bottles from the distribution system was collected by LaVarr Webb indicated a 17.69 Pci/l average Gross alpha. After discussion with you and Mr. Webb three additional samples were taken from the distribution system. The results showed levels of 68.8, 50.8, and 61.1 which all exceed the Gross alpha maximum contamination level of 15 Pci/l.

The State's Division of Laboratory Improvements also ran Uranium which showed 49 Pci/l. This tends to indicate that most of the Gross alpha contamination is likely coming from naturally occurring uranium deposit in the area. The Division of Drinking Water has no standards for uranium but anticipates that National Standards for Uranium will be set at 20 Pci/l by EPA by May of 1993.

We note that the water system has had bacteriologic water quality violations in the months of September and October and likely will have an additional quality violation in November. In view of this, we direct you to find and eliminate the cause of the problem or install emergency disinfection facilities.

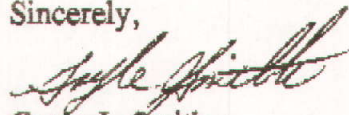
Dave Moore

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November 23, 1992

In regards to the permanent solution, the Division of Drinking Water recommends that the Hidden Valley Water System seek treatment of it's source waters for both radiologic and bacteriologic quality problems, or seek alternate sources to protect the customer against harmful levels of these contaminants. We request that you make a decision as to which direction you will peruse within 30 days of the date of this letter. Further, we request that you report each calendar quarter on your progress, until a satisfactory solution has been achieved.

Sincerely,



Gayle J. Smith

Director

Division of Drinking Water

DFH:lm

cc: Wayne Thomas, District Engineer
Southwest Utah Public Health Department
Jason Knowlton - ERR